VENTILATION—PURE AIR.

Sheringham's Ventilator, for the admission of pure air through an EXTERNAL WALL.

With single pulley, from 6s. each; with leading pulley, from 8s. 6d. These Ventilators are so arranged that the requisite quantity of air may be admitted for the due ventilation of an apartment without the slightest draught being felt by the occupants; and as they are placed in the external wall, their action is not impeded when the house is closed for the evening, at which times a constant supply of fresh air is most required.—HAYWARD, BROTHERS, sole Manufacturers, 198, Blackfriars-road, and 117, Union-street, Borough; and of all respectable ironmongers, builders, &c.

NOIRSALN'S VENTILATING GRATES

and STOVES.—A long search for fundamentals at last obtained. Genial Temperature in Vent.—entire Prevention of Smoke in Chimneys—and Perfect Regulation of the Temperature of Rooms, effected by the new Ventilating Grates, which may be applied to any fire-place.

The Proprietors solicit the attention of the public and scientific men to the patent apparatus—the utility and superior advantages of which will be satisfactorily demonstrated at the Depôt, 131, REGENT-STREET, to any visitor. Two hundred Testimonials given. Prices, from Two Guineas upwards. S. KIDD, Agent.

TOZER'S PATENT VENTILATING GAS

STOVE, for halls, shops, offices, &c., price 12s. This stove is constructed on the principle of ventilation, combined with economy, the consumption of gas being only 1d. for twelve hours. The absence of all smoke and dust particularly recommends it for the use of libraries or wherever required. Also TOZER'S PATENT SUN STOVE, to burn coke, suitable for village churches, &c.—T. TOZER, Ironmonger and Manufacturer, 85, Dean-street, Soho.

CUNDY'S PATENT

WARM AIR VENTILATING PRIZE STOVE of 1850 and 1851.

WM. HODGES

(late J. F. Dowson),

123, Oxford-street, London,

is the sole manufacturer of the above well-known STOVE, for which Mr. Cundy received the large Silver Medal from the Society of Arts on the 22nd July, 1850, and is the only Hot Air Ventilating Stove for which a prize medal was awarded at the Great Exhibition. Price of 6s. 12s. 20s.; 12l. 15s.

PRIZE MEDAL for STOVES.—The

ARNOTT'S STOVES, exhibited by F. EDWARDS, were the only close stoves to which a Prize Medal was awarded. The attention of architects and others is particularly invited to the Arnott stove as being by far the cheapest and most effectual method of warming that can be adopted. The Stove is made in upwards of forty different patterns and sizes, suitable for churches, public buildings, halls, and private apartments &c. Prices from 3l. 3s. to 25l., and upwards. A prospectus, with full particulars, sent on application. Dr. Arnott's new plan of warming by hot water, by means of his Hot Water Stoves has most fully succeeded to the various instances in which it has been adopted, and is recommended to the Public as being truly efficient and serviceable. F. Edwards is prepared to give Estimates for the various plans of heating by hot water, hot air, or by Arnott's Stove, and he can answer for the success of any plan executed by him, by reference to the numerous buildings where he has already put them in operation.

F. EDWARDS, General Stove and Range Manufacturer,
4, Poland-street, Oxford-street, London.

MANUFACTURERS to the TRADE of

COOKING STOVES, by GAS or FUEL, either close or open. Register, Ellictic, and every description of Grate, of the best designs, including those with fire-brick back.
Bright Stoves, for drawing-rooms.
Hot Air Stoves, for public buildings, shops, or halls, with according or descending flue.
Kitchen and Yacht Stoves, for cooking and warming.
Cranes, Jibs, &c.
Railing and Balcony Work.
Fire and Garden Engines, and every variety of Force and Lift Pumps.
Wrought-iron FIREPROOF BOOK SAFES and Deed Boxes; also in cast-iron.
Iron Bedsteads and Cots of all kinds.
Hot Water and Steam applied for heating buildings of any size and description.
GRIGG and JENKINSON, in addition to the articles enumerated, manufacture all kinds of iron-work; and as everything is executed on their own premises, under their immediate superintendence, they can offer great facilities in price, &c. They respectfully solicit a trial.
GRIGG and JENKINSON, Finsbury Iron Works,
119 and 120, Bunhill-row, London.

TO BUILDERS, CARPENTERS, &c.—

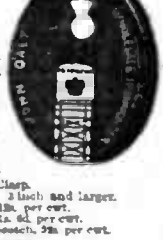
The undermentioned are the PRESENT PRICES of IRONMONGERY, at YOUNGS, 194, Oxford-street. Every other article equally low. Orders executed upon receipt of remittance or a respectable London reference.

	3	3½	3 Inches.		
Cast Butts	6s. 3d.	7s. 6d.	11s. per 6 dozens		
Cut Clasp	5d.	7d.	1s. 3d.	1s. 6d.	per Lb.
	4d.	6d.	10d.	10d.	Less.
Nos.	3	4	5	6	
Patent Line	3s. 6d.	7s.	8s.	10s. 6d.	per gross.
	2	2½	3 Inches.		
Main Pipe	9½d.	10½d.	1s. 1d.	per yard.	

TO BUILDERS, CARPENTERS, CABINET-MAKERS, &c.

JOHN DALE, 18 and 19, Chiswell-street,

Finsbury-square, respectfully invites the above Trades to the inspection of his immense stock of Ironmongery, which cannot be surpassed in variety, quality, and cheapness by any house in London.



Elliptic Stoves, double backs,
2½d. per inch, and upwards.
Register Stoves, 4½d. 5d. 6d. 6½d. 7½d. per inch.
Self-acting Ranges, with circular ovens and hash boilers, best wrought bars and bright fittings:—
3 ft., 3l. 10s.; 3 ft. 6 in., 3l. 3s.; 4 ft., 3l. 15s.
3-feet Cottage Ranges, with ovens and hash boilers, 12s. each.
3-feet self-acting ditto, ditto, 3os. each.
Air Bricks, 3s. 3d. per doz.
1-inch Cut Lath Nails, 12s. 6d. per cwt.
Best Patent Cut Clasp.

1½	1¼	1	¾	3 inch and larger.
14s. 6d.	14s.	13s.	12s. 6d.	12s. per cwt.

Best Sheet Flour Brads, 11s. 6d. per cwt.
Best Town Glue, 30s. Ditto, Scotch, 28s. per cwt.
Best Paten: Sash Line

1	2	3	4	5	6
6s.	4s. 6d.	3s. 6d.	2s.	1s. 6d.	per gross.

List of Prices had on application at the Warehouse, or by letter prepaid.

GREAT EXHIBITION.—DRAWING-

ROOM GRATES and FENDERS (to which the GREAT or COUNCIL MEDAL was AWARDED).
J. B. BENHAM and SON'S large assortment of these beautiful Grates and Fenders which were so generally admired for their artistic design and elaborate workmanship, are now on view in their EXTENSIVE SHOW-ROOMS, and respectfully invite ARCHITECTS and Others engaged in Building to inspect them therein.
WARM AIR STOVES for CHURCHES, HALLS, &c. also, simple in construction, ornamental in design, and thoroughly effective, of various sizes and prices.
J. B. BENHAM and SONS' MANUFACTORY and SHOW-ROOMS, 19, WIGMORE-STREET, CAVENDISH-SQUARE.

PRIZE MEDAL for COOKING

APPARATUS awarded to J. B. BENHAM and SONS.
The IMPROVED FAMILY RANGE will roast, boil, bake, fry, &c. &c., for a large family, with an average consumption of only 2cwts. of coal per day. It burns open fire, is perfectly simple, and of moderate cost.
Specimens of these excellent and economical Ranges, and also of the most approved Bedding Stoves, Hot Closets, Hot Tables, Urns, &c. &c., are daily exhibited in HYDE PARK, and may be viewed at the MANUFACTORY and SHOW-ROOMS, as One Cooking Apparatus in full daily operation.
J. B. BENHAM and SONS' Stove, Range, and Bath Manufacturers, Hot-water and Gas Engineers, &c., 19, WIGMORE-STREET, CAVENDISH-SQUARE, LONDON.

CLARK and HUNT'S IRONMONGERY,

STOVE and METAL WAREHOUSE, 189, Shoreditch.

Improved Self-acting Cottage Ranges,	20	24	30	36 inch.
with Large Oven and Boiler	28s.	32s.	38s.	44s.
Best Self-acting Ranges, with Oven and	34	36	40	42 inch.
Hash Boiler, Bright Wrought Bars	44s.	48s.	52s.	60s.

Strong Elliptic Stoves, with Extra Back and Solid Bars, per inch, 9d.
Register Stoves, with Solid Bars, per inch, 5d. Best Solar ditto, with Fire Brick Back, per inch, 10d.
Bright Stoves, with Two Fires, 50s. to 100s. each.

Cast Hair-water Pipe	7	8	9 inch.
	9d.	10d.	1s. per yard.

Cast Gutter—4 inch, 8d. per yard.

O. G. Gutters	4		4½ inch.
	11d.		1s. per yard
Best Cut Clasp	11	12	3 inch.
and Rose	14s. 6d.	12s.	13s. 6d.	15s. 6d.	18s. per cwt.

Sheet Flooring Brads, 11s. 6d. per cwt.
1-inch Cut Lath, 12s. 6d. Cast Lath, 1s. 6d.
6-inch 3-Bolt Rd. Ward Mortice, with best Furniture and Patent Spindles, 2s. 9d. Light Elliptic and Register Metal, 12s. per cwt.
Hot Water Pipes, 8s. 6d. per cwt.
Dr. Arnott's Ventilators, 5s. each.
An extensive stock of bar, rod, hoop, and sheet iron.
Clark and Hunt's Improved Glass Paper.

A PRIZE MEDAL for SUPERIOR

LAUNDRY was awarded to J. H. DOORBYER at the Great Exhibition of 1851.
J. H. DOORBYER and Co. (late Starch and Doorbyer), Iron Ironmongery, Brass Foundry, Nail and Tool Warehouse, 14, Stanhope-street, Clare-market, London, for the supply of Carpenters, Builders, Cabinet-makers, Upholsters, &c. at wholesale prices.
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	13s. 6d.	12s. 6d.	12s. per cwt.
1¼	1¼	1	¾	3 inch.

Best Bright Tower Bolts.

1s. 3d.	1s. 7d.	2s. 6d.	3s. 6d.	per dozen.
3	4	5	6 inch.	

Best Patent Sash Line.

4s.	4s. 6d.	5s. 6d.	7s.	10s.	16s. 6d. per gross.
No. 1	2	3	4	5	6

Cast Lath Nails, 10s. per cwt. Air Bricks, 3s. 3d. per dozen.
DR. ARNOTT'S VENTILATORS.
10 by 9 inches ..... 3s. each.
16 by 9 ..... 4s. "
An assortment in Brass, Bronzed, Gilt, &c.
An extensive stock of Mortice Locks, Drawback Locks, Iron Rim Locks, and Latches, of every description, at very reduced prices; also Door Furniture in china, amber, crystal, ivory, ebony, buffalo horn, brass, &c., with Finger-plates, Bell-pulls, and Levers en suite.
R. and Co. are the Inventors of SHIFTING BOLT MORTISE LOCKS, &c., so universally approved of.—Established nearly 200 years, for the supply of goods from the best manufactories at the lowest prices.

TO BUILDERS, CABINET-MAKERS,

and OTHERS.
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.
Fine Cut Clasp and Rose.

14s. 6d.	14s. 6d.	13s.	12s. 6d.	per cwt.
1¼	1¼	1	¾	3 inch.

Cross Garnet Hinges, per dozen pair.

2s. 3d.	3s. 6d.	4s.	4s. 6d.	5s.	7s. 6d.
10	12	14	14	16	20 in.

Best Bright Tower Bolts, per dozen.

1s. 3d.	1s. 7d.	2s.	2s. 6d.	2s. 9d.	3s. 3d.	3s. 7d.
3	4	5	6	7	8	9 in.

Iron Rainwater Pipe.

9d.	10d.	1s. 1d.	1s. 3d.	1s. 6d. per yard.
3	3½	4	4 inch.	

Best London Glue, 40s. per cwt.
Cast Lath Nails, 10s. per cwt.
Air Bricks, 3s. 3d. per doz.
Hooping for Board, 8s. per box
Sash Weights, 3s. per cwt.
TERMS—NET CASH.
A price-list may be had on application.
A. L. PERIL and STEDALL,
Wholesale Ironmongers, Brass Foundry and Nail Warehouse,
3 and 4, Broad-street, Bloomsbury, London.
AGENTS FOR LEAD PATENT MORTISE LOCKS AND BOLTS.

TO BUILDERS, CARPENTERS, AND OTHERS.

BENJAMIN WALMSLEY, IRON-

MONGER, BRASSFOUNDER, STOVE and RANGE MANUFACTURER, 120 and 121, LONDON-ROAD, Southwark, for the supply of builders, carpenters, cabinet-makers, upholsterers, blind-makers, smiths, wheelwrights, &c. at wholesale prices:—
Best Cut Sheet Flooring Brads, 11s. 6d. per cwt.

Best Cut Clasp	1¼	1	¾	½	3 in.
and Rose	14s. 6d.	14s.	13s.	12s.	12s. per cwt.

Cast Lath, 2s. 6d. per cwt.; Sash Weights, 3s. per cwt.
Sash Pulleys, 4s. per gross.
Cast Butts, per dozen pair:—6-in., 10d.; 5½-in., 1s. 3d.; 5-in., 1s. 6d.

Iron Rain-water	3	4	5 in.
pipe	8d.	10d.	1s. 1d. per yard.
Half Round	3	4	4 in.
Gutter	7d.	7½d.	9½d. "
O G Gutter	4	4½	5 in. "
	11d.	1s.	1s. 6d. "

Air Bricks, 3s. 6d. per dozen. Hooping for Board, 8s. 6d. per cwt.
Dr. Arnott's Ventilators, 4s. 6d. each.
5-ft. Self-acting Cottage Ranges, with Oven and Boiler, 35s. each.
3-ft. ditto, with Wrought Bars and Bright Fittings, 30s. each.
Register Stoves, with Double Backs, 5d. per inch.
Elliptic Stoves, with Double Backs, 2½d. per inch.
Bright Register Stoves, with Two Sets of Bars, from 2l. each.
An excellent variety of Black and Bright Register Stoves kept ready for sale at all prices, to which the attention of architects and builders is respectfully invited.
A large assortment of Rim, Mortice, Drawback, Iron Gate, and other kinds of Locks and Latches. An extensive Stock of neat and elegant Door-Furniture, in Brass, Porcelain, Glass, and Fancy Woods.
Finger Plates, Levers, and Bell-pulls en suite.
Bar, Hoop, Sheet and Rod Iron, and Spring Steel.
The stock of this establishment is too extensive to be described in the limits of an advertisement; and the most correct idea that can be given of it is by saying that every trade consuming ironmongery can here select whatever they require at wholesale prices.
WALMSLEYS, 120 and 121, LONDON-ROAD, SOUTHWARK, six doors from the Obelisk.

WARMING by HOT WATER.—

WEEKS and CO., King's-road, Chelsea.—A great variety of plain and ornamental apparatuses, consisting of Pedestals, combination of Pipes for warming Churches, Mansions, Warehouses, Conservatories, Dwelling-rooms, &c. &c.—To be seen in extensive operation on our Premises at Chelsea, and also at Mr. STOCKEN'S extensive carriage repository, Halkin-street, Hyde-park-corner.

WARMING and VENTILATING.—

Churches, Conservatories, Hot-houses, &c., heated by superior HOT-WATER apparatus, fitted with most efficient and simple boilers, self-feeding through the night, and requiring no lever work. Also the THERMAUTERION, a simple and improved Warming Apparatus, that is especially adapted for builders requiring to be warmed only occasionally.—Apply to SPILLER and TAYLER, Engineers, Battersea.

HOT-WATER APPARATUS.—The

application of this system to buildings, and others in respect to the proposed new Church in WINCHESTER, for superior method of heating churches and chapels, halls, and many other purposes existing as well as those in course of erection, such as forcing pits for growing timber, &c., and every variety of purpose for which artificial heat is required. Within the last twenty years some hundreds of buildings have been heated upon this plan, and the parties to whom they were executed are constantly expressing their satisfaction, also their willingness to vouch for their efficiency.
BENJAMIN FOWLER, late of 43, Dorset-street, removed to the new factory, Whitefriars-street, Fleet-street.

COPPER BOILERS, of various Shapes,

for HEATING BATHS and CONSERVATORIES

Fig. 1. Fig. 2. Fig. 3. Fig. 4.

Fig. 1. TYLOR'S IMPROVED COPPER CIRCULATING BATH BOILER, on Iron Frame complete for 4ins.—Fig. 2. COPPER RIVETTED ARCH TOP BOILER for large Greenhouses or Public Buildings, from four to forty gallons.—Fig. 3. DOME-TOP COPPERS, with dressed Cocks, for Public Baths, from 40 gals. to one hundred and five gallons.—Fig. 4. TINNED COPPER COIL PIPES for HEATING BATHS, by passing Water through the Kitchen Range Boiler.—Apply to Ironmongers or Plumbers, or to the Manufacturers, J. TYLOR and SON, Warwick lane, London.

CAST-IRON PIPES, IRON WORK FOR OVENS, &c.

RAIN PIPES, &c.—F. A. TIDDEMAN

and Co., St. Ann's Wharf, Earl-street, City, near Bluefriars-bridge, keep a large stock of Main Pipes, Heads, Shoes, Elbows, &c., half round and O. G. Gutters, Socket Pipes for Water or Gas, Flanch Pipes, Rail Wrights, and other Castings; Iron Work for Patent Ovens of every description, fitted complete, to be had in sets or in parts.—Prices equal to all competitors. Contracts taken to any extent. Goods landed. A powerful crane.

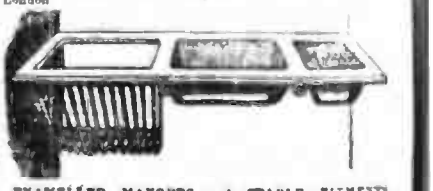
TO BUILDERS AND OTHERS.

HART and SONS, Wholesale and Manu-

facturing Ironmongers, Nos. 33, 34, and 35, Wych-street, Strand. Established 1818. Proprietors and sole Manufacturers of HART'S PATENT SELF-ADJUSTING Iron FURNITURE and SPINDLES, and Manufacturers of Dr. ARNOTT'S VENTILATING CHIMNEY VALVE.
HART and SONS solicit the attention of Builders, Iron Dealers, Smiths, Bell-hangers, &c., to their extensive and well-selected stock of IRON FURNITURE in every suitable variety, en suite with Finger-plates, Bell-pulls, levers, &c., and also to their
LOCKS and LATCHES in mortice, rim, drawback, iron gate, cabinet, &c., of all qualities, including Barron's, Bramah's, Chubb's, and Pitt's Patent.—To their
GENERAL IRONMONGERY, wrought and cut nails, screws, hinges, bolts, &c., &c.
BRASS FOUNDRY.—Bell cranks of all descriptions, sunk pulleys, pulley rods, shew door handles, desk and box rails, window guards, Espagnolette bolts, &c. &c.
WINDOW FITTINGS of all kinds, including brackets, fastenings, sliding sockets, irons, &c. &c.
DOOR SPRINGS and HINGES, including Reimond's, Sexton's, Collings's, Gerish's, and Cotterell's patents.
WINDOW BLIND FITTINGS of the most approved principle.
SHERINGHAM'S and all other VENTILATORS.
SALAMAN'S BOLT MORTICE LOCKS, for which they are AGENTS, as well as for all inventions of merit as soon as perfected.
HART and SONS, aware that the practice of publishing NET price-lists is injurious to the interests of the trade generally, are unwilling to follow it, but at the same time they beg to assure their friends that their prices will be found equally as low as those of any other respectable house.

PRIZE MEDAL of the Great Exhibition.

COTTAM and HALLEN, 2, Windsor-street, Oxford-street, London.



ENAMELLED MANGERS and STABLE FITMENTS Registered. Economy, durability, appearance, cleanliness, comfort to the horse when feeding, and being rendered impervious to any infection by enamel, are some of the improvements in these fittings. No joint or fresh paint required in fixing.—COTTAM and HALLEN, 2, Windsor-street, Oxford-street, London.

PATENT WROUGHT NAILS.—These

NAILS are submitted to the notice of Builders, Carpenters, and Ship-builders, as being far superior to any others, and cheaper. They have the toughness of the best hand-made nails, with the greater uniformity of make. The flat-pointed rose nails are particularly recommended wherever oak or other hard wood is used; being perfectly clasp pointed, they require no boring, and will drive into the hardest wood without splitting it, and their heads being very round do not fly off. The patent wrought nails may be had of all ironmongers. A stock of them is kept at the warehouse of the agents, HIGGS and GEORGE, Wholesale Ironmongers, 17, Borough, London.

COLLINGE'S PATENT HINGES.—Sole

Manufacturers, CHARLES COLLINGE and Co., 45 and 46, Bridge-road, Lambeth, where a great variety are always in view for church, park, railroad, coachhouse, and other gates and doors of large and small dimensions, a gate of a ton weight moving with these hinges as easily as a wicket. Ornamental hinges adapted for drawing-rooms, &c.; doors fitted with them may be removed and replaced in an instant. Strong and double-acting spring hinges, and superior gate fastenings, at moderate prices. None genuine unless marked "Charles Collinge, Patent, Lambeth." Plain and ornamental cast and wrought iron work for building and other purposes. Engines, machinery, patent axletrees, sugar-mills, &c.

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